

2012 NYS Dry Bean Industry Advisory & Educational Meeting
Friday, December 14, 2012
9:30 am – 3:00 pm
LeRoy Country Club (Directions below)
7759 E. Main Rd/Rt 5, LeRoy, NY 14482

Lunch Reservations required by Mon, Dec. 10th
(Contact Carol MacNeil - 585-313-8796 or crm6@cornell.edu)
Sponsor opportunities are available!

DEC credits (1.75) and CCA credits will be available

- 9:30 am** **Coffee, DEC/CCA credit sign-up, and announcements** – *Carol MacNeil, CCE, Cornell Vegetable Program in Allegany, Cattaraugus, Erie, Genesee, Monroe, Niagara, Onondaga, Ontario, Orleans, Seneca, Wayne & Yates Counties*
- 10:00** **Call to order** – *John McCreedy, Chairman*
Minutes of the December 16, 2011 meeting
Introductions, review of the 2012 season/ industry concerns
- 10:30** **What's new from industry?**

Cornell 2012 research reports, 2013 proposals, and discussion:
- 10:45** **The Western bean cutworm – NYS survey results, population growth, and expectations for 2013** – *Carol MacNeil, CCE, Cornell Vegetable Program, and Keith Waldron, CCE, NYS IPM Field Crops Coordinator*
- 11:10** **Yield and root rot severity of beans after zone tillage or plowing, and root rot incidence after varied cover crops and on new bean introductions** – ***George Abawi, Plant Pathology, Cornell***
- 11:35** **Weed management in conventional and reduced till dry beans** – *Robin Bellinder, Horticulture, Cornell*
- Noon** **Soup and Sandwich Buffet - *Featuring bean soup and bean salad!***
Reservations required by Mon, Dec. 10th to Carol MacNeil
- 1:00 pm** **Selection of white mold resistant dry bean breeding lines** - *Phil Griffiths, Horticultural Sciences, Cornell*
- 1:20** **Results of dry bean varieties and breeding line trials (includes evaluation for disease resistance), and Lines that will be available for grower strip trials in 2013** – *Eric Sandsted and Don Halseth, Horticulture, Cornell*
- 1:50** **TENTATIVE: Canning the dry beans from the trials** – *Eric Sandsted, Horticulture, Cornell*

- 2:10** **Report on the Dry Bean Endowment** – *Marc Smith, Assistant Director, NYSAES, Cornell*
- 2:15** **Update research priorities for dry bean industry funding**
- 2:25** **Market outlook**
- 2:40** **Discuss late winter Dry Bean Meeting**
Combine with advisory meeting in January in the future?
Date, topics, speakers, location?
- 2:55** **Date and place for next year's committee meeting**
Election of a NYS Dry Bean Advisory Committee chairman
- 3:00** **Adjourn and hand out DEC pesticide certificates**

Closed NYS Dry Bean Industry Committee meeting to determine 2013 funding

Directions: LeRoy Country Club, 7759 E. Main Rd/Rt 5, LeRoy, NY 14482

The LeRoy Country Club is on the north side of E. Main Rd/Rt. 5, just over a mile east of the center of LeRoy, where Rt. 19 cuts through the village. It's about 6 miles west of Caledonia and 11 miles east of Batavia.

Lunch reservations, sponsor opportunities, or if you have special needs, please contact: Carol MacNeil at 585-313-8796 or crm6@cornell.edu

DEC pesticide credits - Can be used either for core credit or category credit in vegetable or field crops

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MINUTES
2011 NYS Dry Bean Advisory Committee Meeting
Friday, December 16, 2011
9:30 am – 3:00 pm
LeRoy Country Club*
Thanks to our sponsor: NY Bean, LLC

Present: John McCreedy, Eric Sandsted, Tom Calman, Abby Seaman, Ron Calman, Don Halseth, Jim Kohl, Paul Paget, Ted Zornow, Dave DeGolyer, Dave Thorp, Marc Smith, Phil Griffith, Dave Waterman, Mark Thorn, James Barrett, Keith Waldron, Bob Phelps, Dominic LaGioia, Gordon Culbertson, Carol MacNeil

Call to order – John McCreedy, Chairman

Minutes of the December 2, 2010 meeting - reviewed by Carol MacNeil, CVP

Introductions, review of the 2011 season/ industry concerns

John McCreedy: planting was very late, 2 weeks later than normal, especially for blacks. Wet in mid-Oct, when only were half done with harvest. Needed to dry and clean the beans. November weather was better. Yields average to somewhat below, much below 2010. Ended up with 40% less than expected by what was planted. Prices are better than ever before but markets are ordering on an as-need basis.

Eric Sandsted – Cornell trial at Bob Duyssen’s farm, Stafford. Planted a little late, soil was dry. Freeville started June 8th. Earlier planted beans were flowering during the very hot, windy weather, didn’t set well, then re-set. Later planted beans yielded better.

Don Halseth – Freeville Howard gravelly loam, very well drained so could be worked.

Tom Calman, Canandaigua – planted late, had a lot of bloaters, red kidneys. Bloaters – let them dry and they’ll become light, ugly, and can be separated by weight.

Jim Kohl, Furmano’s, PA – PA had 20” above normal rain to date, worse than NY. Grain markets sliding, should help get more contracts acceptable to growers, to get more acres. More and more BBs being found in beans from all over country. Good bean movement.

Paul Paget, ADM – In general lower acres, lower volumes, late harvest, yields pretty good.

Ted Zornow, Lima – thank goodness for good Nov weather, took more beans in during Nov, 2011 than any time in the past 30 years. Still has a lot of beans to dry. Most canners demand 18% moisture or less. No selling at a discount for little higher moisture

Jim Barrets, Jeffres Farm – grow black beans – organic, light reds – conventional; use Picketts. Production on 700 acres, lot of ZT beans. Conventional fields - couldn’t harvest; ZT beans yielded less than usual.

Dave DeGolyer, WNY Crop Management – very fortunate to have a good Nov

Bob Phelps – plant less acreage now so managed to get it planted and harvested.

Dave Thorp, Livingston – CCE – Leicester/Cuyler water problems from Mt Morris Dam. Dam's only purpose is to reduce flooding in Rochester. 2011 worse than Hurricane Agnes.

Dave Waterman – cleans, manages his own beans; white mold took much of the yield. Huge canopy, planted June 28 – July 4th.

What's new from industry?

John McCreedy, NY Bean, LLC - Black bean and pintos from China are going into Mexico, very low prices, could cut into US markets in future. US down in bean production as much as 40%. Corn and soybeans took the acreage – will recover some in 2012.

Paul Paget – seed treatments - a root rot package – Maxim, Lorsban (if desired), Apron, plus Cruiser if desired; new fungicides: Rancona (ipconazole) and Dynasty (azoxystrobin)

Cornell research 2011 reports, 2012 proposals and discussion:

Western bean cutworm: 2011 NYS survey results & implications, Keith Waldron, CCE, NYS IPM Field Crops Program, and Carol MacNeil, Cornell Vegetable Program – Western bean cutworm moth traps were in 12 dry bean fields in the main production area and many sweet/field corn fields across the state in 2011. Moth trap catches have steadily increased since 2006. One of the bean fields reached the threshold triggering intensive scouting. The grower sprayed for leafhoppers, however, so no WBC damage was seen. In MI and Ontario populations increased over a few years to the point where bean damage reached unacceptable levels.

Evaluation of reduced tillage and cover crops for improving root health and water percolation in conventional, IPM and organic rotations, George Abawi, Plant Pathology, Cornell - 14 acre long-term tillage and cover crop trial with different crops and cover crops. Evaluating yield, disease, soil health. Snap beans were planted in 2011 (dry beans proposed for 2012). A one row Oxbow harvester was used. Reduced till plots could be harvested with machine ok, but most of the conventional till plots had to be harvested by hand, even after waiting for field drying. Highest yields were on ridge till or zone till in two different rotation trials, with zone till 50% more than conventional in one rotation. Screening in “root rot field” with varieties, breeding lines, new accessions, for root rot, other diseases, drought tolerance.

Weed management in conventional and reduced till dry beans, Robin Bellinder, Cornell - Weed control in zone till dry beans vs conventional was evaluated with three preemergence herbicide programs (Dual Reflex, Prowl Reflex, Permit Reflex), and two pre and post programs (Dual or Prowl, followed by Basagran plus Reflex). Killed rye cover crop preceded the beans (trial will follow corn in 2012). The zone till did a little better. New herbicide screen will be repeated in 2012. Sharpen is registered for dry beans for desiccation (NY label); suppresses annual grasses.

Breeding and evaluating varieties for NYS with high yields and white mold resistance, Phil Griffiths, Don Halseth, Eric Sandsted, Cornell - Main breeding effort on dry beans is for white mold resistance; Don H/Eric S trials in the field with 600 series – if there's WM they yield better than other varieties; if there's no WM they have moderate yields. In 2011 WM spores germinated on dying leaves at bottom of plants (from drought) vs infection beginning on flowers at top of plants. 600 series was crossed in 2010 with Wallace lines, producing 200+ lines screened in the greenhouse down to 45-50 lines. Will screen further to send 4-5 to field screening in 2012; 2013 to grower field. CMV – processing snap varieties - 15% now have severe

reaction, was much more previously; no dry beans have that severe reaction. Breeding work on heat tolerance in snaps and dry beans in the greenhouse and in central America in the field.

Variety/breeding line evaluation trials are done in Freeville and on a grower's farm. Yield, maturity, quality are evaluated and disease incidence noted. Beans from the trials are canned and evaluated. Good results with developing red kidneys from Sandsted breeding material; also working with blacks. Selected Cornell breeding lines were commercially increased to provide seed for grower trials in 2012, at the direction of the NYS Dry Bean Industry Advisory Committee - NY104, NY105 (light red kidneys) and 96-148 (black bean). Enough seed for several grower trials (50 lbs of seed, 2 rows) will be available. Cost for the 2011 seed increase was \$3,750.

John McCreedy: 15% of NY black beans are direct harvested; Midwest - 90% of blacks direct harvested – row crop harvesters converted for beans, getting rid of augers, spike tooth cylinder.

Report on the Dry Bean Endowment, Marc Smith, Cornell - Geneva - Cornell appreciates the ag industries' support of research. College support from the state has been reduced 25% in recent years. There was \$32,872 to spend a year ago; \$27,249 to spend this year.

Market outlook

Ted Zornow – Prices are not available now; when canners want them there will be a price. There's going to be strength in the light red market.

John McCreedy - There aren't enough blacks in country to supply typical usage; \$.48-49/lb. price has never been quoted before. Buyers only buy what they need immediately. MI, MN, ND contracts being discussed that are equal to current prices.

March, 2012 NYS Dry Bean Meeting

Barbie, LeRoy Country Club could cater. LeRoy Country Club, Jones Hall, Caledonia Fire Hall, VFW, American Legion? Reports on funded research. Dry bean seed production. Pesticide credits.

Date and place for next year's committee meeting – Similar to 2011. Election of a NYS Dry Bean Advisory Committee chairman – John McCreedy.

Closed committee meeting to discuss funding of 2012 proposals – Funded:

-Breeding, Evaluation and Development of Dry Bean Varieties That Are Highly Adapted to NYS Growing Environments and Markets, *Phil Griffiths, Don Halseth and Eric Sandsted, Cornell*

-Evaluating Weed Management Programs in Zone Till Dry Beans, and New Herbicide Evaluations, *Robin Bellinder, Cornell*

-Determining the Magnitude and Distribution of Western Bean Cutworm and the Risk to Dry Beans in Major Production Areas of New York, *Carol MacNeil, Cornell Vegetable Program, Keith Waldron, NYS IPM Field Crop Coordinator*

Submitted by:



Carol MacNeil, Extension Vegetable Specialist, Cornell Vegetable Program
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