

Attachment F – Materials and Methods Dry Bean Planting Date Trials

Table 14 Seed varieties and seed sources for the dry bean planting date trial at Borderview Farm in Alburgh, VT.

Dry bean types	Seed source	Seeding rate
		seeds ac ⁻¹
Black Turtle	Borderview Research Farm, Alburgh, VT	99,000
Pinto	Morningstar Meadows Farm, Glover, VT	78,000
Yellow Eye	Morningstar Meadows Farm, Glover, VT	76,000

Table 15. Dry bean planting and emergence dates at Borderview Farm in Alburgh, VT.

Planting date	Black turtle bean emergence	Yellow eye and Pinto bean emergence
	Date	date
22-May	29-May	2-Jun
29-May	12-Jun	12-Jun
4-Jun	14-Jun	14-Jun
12-Jun	18-Jun	19-Jun

Table 16. Dry bean planting date trial specifics at Borderview Farm in Alburgh, VT, 2015.

Trial information	Borderview Research Farm Alburgh, VT
Soil type	Benson rocky silt loam
Previous crop	Corn
Tillage operations	Spring plow, disk, and spike tooth harrow
Plot size (feet)	10 x 20
Row spacing (inches)	30
Replicates	4
Cultivation	4-Row Brillion: 17-Jun and 7-Jul
Harvest date	22-Sep

Table 17. Seed varieties and seed sources for the dry bean planting date trial at Morningstar Meadows Farm in Glover, VT.

Dry bean varieties	Seed source	Seeding rate
		seeds ac ⁻¹
King of the Early	Morningstar Meadows Farm, Glover, VT	78,000
Yellow Eye	Morningstar Meadows Farm, Glover, VT	76,000

Table 18. Dry bean planting and emergence dates at Morningstar Meadows Farm in Glover, VT.

Planting date	Plant emergence date
29-May	9-Jun
7-Jun	17-Jun
12-Jun	23-Jun

Table 19. Dry bean planting date trial specifics at Morningstar Meadow Farm in Glover, VT, 2015.

Trial information	Morningstar Meadows Farm Glover, VT
Soil type	Sandy loam
Previous crop	Mixed grain and wheat
Tillage operations	Moldboard plow and disk harrowed
Plot size (feet)	10 x 25
Row spacing (inches)	30
Replicates	3
Starter Fertilizer (lbs ac ⁻¹)	350 – MicroSTART 60 (3-2-3)
Tinweed	7-Jun (PD 1) and 12-Jun (PD 1 & 2)
Cultivation	John Deere 4-row C-shank w/ crop shields, 17-Jun (PD 1) and 25-Jun (all)
Harvest date	18-Sep