

Scoresby, J. Rene, Dale Comer, Matt Ehlhardt, Gerald Hora, Terry Mayberry, and Kevin Thorsness, AgrEvo USA Company, Little Falls Centre One, 2711

Centerville Road, Wilmington, DE 19808. - Betamix Progress - a New Herbicide for sugarbeets.

Betamix Progress is a new product that is a combination of the herbicides desmedipham, phenmedipham, and ethofumesate. The three active ingredients are a 1:1:1 ratio for a total of 1.8 lb. active ingredient per gallon. Eighteen field trials were conducted in 1994 with small plot research equipment. Seventeen broadleaf weeds and four grasses were evaluated for control with Betamix Progress. Betamix Progress was applied at 0.22 to 0.29 lb. ai/A three times starting at the cotyledon stage, five to ten days later, and again five to ten days later. Betamix Progress was also applied at 0.25 to 0.5 lb. ai/A two times at cotyledon to 2 leaf and again at 2 to 4 leaf. Betamix Progress applied at a season total of 0.66 lb. ai/A gave good to excellent control of most weeds with very little crop injury. For hard to control weeds higher herbicide rates gave higher control. Betamix Progress gave better weed control than did Betamix. Farmers will have flexibility in application timing and herbicide rates when using Betamix Progress. Widespread farmer demonstrations during 1994 affirm good weed control and farmer acceptance.