U.S., i. e., various varieties of palms, Norfolk Island pines, roses, citrus trees, Mimosa and Magnolia.

He was told in France that landscape contractors are required to pay a tax for having personnel attend annual training courses and, this is payable whether or not the employees participate.

The landscaping, or lack of it, in northern Italy was particularly depressing after having seen the specimen work along the French Riviera, according to this landscape contractor.

Two problems European contractors face, which are familiar ones in this country; working with landscape architects and taking jobs where not enough money is allocated to complete the work as originally planned.

The continent should be good pickings for plastic and metal container manufacturers. Mostly, only clay and wooden containers are used in the nursery and landscaping industries he said.

## Use of Tandex For Highways Projected Upwards

New registrations and application techniques for Karbutilate-type weed and brush killing formulations can be expected to make these recently developed herbicidal materials particularly effective as cost-saving maintenance tools for highway maintenance programs.

This was the prediction of Frank Chestnut, manager of Niagara Chemical's industrial chemicals department, in a recent discussion of new developments in the weed control field.

He cited development programs, both completed and underway, for Tandex herbicide (which contains karbutilate as the active ingredient) that have demonstrated its ability to give extended control of many kinds of weeds, grasses, vines, brush, and difficult-to-kill woody species with a single treatment.

In field programs the compound has provided effective vegetation control along road shoulders and ditch banks, under guard rails and signs, and around light standards and bridge abutments. Uncontrolled weed growth in these areas can obstruct driver visibility, create fire hazards, hinder maintenance crews, and trap moisture that can corrode fences and other facilities.

Among the specific Tandex programs described by the Niagara executive are:

Field studies aimed at extending the number of weed and brush species for which the compound is granted registration. A higheranalysis granular form of the material was recently cleared for use in areas where scrub oak, manzanita, and chamise are problems.

Hand shaker packaging designed for applying the herbicide in localized areas to eradicate weeds, nuisance grasses and brush. Such spot treatments have been found especially useful in controlling vegetation that persists in growing where mowers cannot reach. Use of basal (spot) treatments and pre-determined grid patterns to eliminate undesirable brush and vegetation without affecting the surrounding understory.

Researchers report that the karbutilate-based Tandex material may be unusually suited for such purposes. Upon application the compound is characterized by a high degree of vertical percolation (downward but not lateral movement in the ground) which minimizes effects on adjacent areas and results in very effective control of deeperrooted species.



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