



CHICAGO—The happy scene above will be repeated soon when 1,650 of the nation's most outstanding 4-H members begin to arrive at Chicago's Conrad Hilton Hotel for the opening of the 47th National 4-H Congress. The group pictured here was among the first arrivals at last year's session and lost no time getting acquainted.

The 4-H Congress is the highlight of the 4-H year, and this year will convene the first week in December. The delegates are between the ages of 15 and 19 years and represent all 50 states and Puerto Rico. They will travel to Chicago with expenses paid by private firms that support nationwide 4-H programs.

The young delegates are the top achievers in some 40 different 4-H categories.

Responsibility Is Theme

While in Chicago, the youths will hold assemblies to discuss the congress theme: Commitment to Responsibility. A colorful pageant written around this theme will officially open the session on Sunday afternoon, December 1.

In two half-day sessions the delegates will hear an address by Senior Editor of Reader's Digest, Charles W. Ferguson; and Judge of the County Court of Philadelphia, Juanita Kidd Stout. Judge Stout last year was honored as one of eight former 4-H members to receive the national 4-H Alumni Key award presented by Olin Mathieson Chemical Corporation.

Among other speakers will be Dr. Harold Sponberg, president of Eastern Michigan University, and Dr. Luther S. Roehm, president of Merck Chemical Division, Merck & Co., Inc. The firm sponsors the national 4-H Horse program.

Delegates to the Chicago meeting will see, hear and learn many things which will expand their horizons and contribute to their education.

Balanced Program

Entertainment will include a pop concert played by the Chicago Symphony Orchestra under the baton of Arthur Fiedler, world-renowned conductor of the Boston Pops Orchestra. The Singer Company, a 4-H sponsor, will be the host for this musical treat. The recently restored Auditorium Theatre will be the setting for another exciting evening, courtesy of Tupperware, also a sponsor.

The spiritual centers around attending the historic Chicago Sunday Evening Club where Bishop John E. Hines of the Episcopal Church, New York City, will be the guest speaker. Sunday morning the traditional 4-H service will be conducted in Central Church by the Rev. Kenneth Hildebrand.

Many Sponsors

Among the nearly 60 firms and foundations that help make the national 4-H Congress possible are: Ford Motor Company Fund; Chevron Chemical Company—Ortho Division; Ralston Purina Company; American Forest Institute, Homelite, A Division of Textron Inc. and E. I. du Pont de Nemours & Company.

Others include: Chicago Board of Trade; Sunbeam Corporation; The West Bend Company.

National 4-H Club Conference Being Attended by 40 North Carolinians

A delegation of 40 North Carolina boys and girls, each one a state winner in a 4-H project or activity, will board planes on November 29 for trips to Chicago and the 47th National 4-H Congress.

Some 1,600 boys and girls—all winners—representing 3,250,000 4-H members in 50 states and Puerto Rico, will join the Tar Heel delegation at the Conrad Hilton Hotel.

Dr. T. C. Blalock, state 4-H leader at North Carolina State University, says the theme of the annual event is "Commitment to Responsibility." Prominent leaders from government, education and business will meet with the delegates to provoke a greater challenge in setting high standards.

Blalock points out that the

formal program doesn't begin until Sunday, Dec. 1, but there will be get acquainted parties and registration the first two days.

During the action-packed week, which will end with a final banquet and farewell party on Thursday night, more than 300 youth will be selected for superior achievement and leadership ability. Most of these winners receive \$500 educational scholarships.

The donors for the trips and scholarships are some 57 business firms, foundations, associations and individuals who contribute more than a million dollars each year. The annual event is planned by the National 4-H Service Committee in cooperation with the Extension Service of the land-grant universities.

Too Much Aluminum in Soil Hurts Crops; Lime Application is Answer

Aluminum may be a fine substance for building airplanes and ladders, but it is a poor substance for growing crops.

Some of the harmful effects of aluminum on crops is being revealed in research at North Carolina State University by Dr. Eugene Kamprath.

"We are finding," Dr. Kamprath said, "that the problem of soil acidity is mainly an aluminum problem. Excessive amounts of aluminum in the soil prevent plants from taking up needed calcium, magnesium and phosphorus."

The answer to this acidity or aluminum problem is lime. Proper liming neutralizes aluminum and eliminates its harmful effects, thus permitting plants to resume normal and profitable growth.

Kamprath said the harmful effects of aluminum are most noticeable on young seedlings. Seedling roots develop poorly in highly acid soils. The plant is stunted or killed as a result.

"We have also found that the petioles (stems which support leaf blades) of soybean plants growing in acid soils will go to pieces," Kamprath said. "The petioles just bend over and the leaves fall off."

"This is caused by aluminum in the soil which prevents the soybeans from taking up needed calcium," he explained. Calcium is the nutrient that gives plant

tissue strength and stability.

Kamprath's research has also shown that magnesium deficiency is most likely to be a problem where soils are too acid for the crop being grown.

"Adequate magnesium may be present in the soil," he explained, "but the aluminum may prevent plants from using it."

Some of the most damaging evidence against aluminum has come from Kamprath's studies with phosphorus.

His greenhouse studies show, for example, that phosphorus rates can sometime be cut in half once sufficient lime has been applied to the soil to neutralize the harmful effects of aluminum.

HOME ECHOES

? — What do you mean by "to cream" in a recipe? This term means to blend, and is used in connection with the combining of butter, sugar and eggs. Butter must be moderately soft, sugar fine-grained and the material should be beaten until very light.

? — How can I make smoke disappear from a room? I've heard this works! Soak a towel in water, swish it around the room and watch how quickly the smoke disappears. Another idea: Dispel smoke and other odors by leaving a saucer of vinegar in the room.



How many times have you heard these comments? The leaves are not as pretty this fall as they were last year; the leaves have a dingy coat and the colors look "washed out." I am sure that you have heard such, or similar, comments and there are reasons for them.

The development of autumn color in the leaves is a very complex process which I have attempted to explain in previous columns. The degree of color that develops in the foliage will depend upon many factors of environment—light, temperature, water supply and nutrients. All of these have to work together if we are to enjoy maximum color developments.

While we have no control over the total environment, we can

provide in our landscapes for the planting of those trees which do give attractive leaf coloration when conditions are ideal.

If you are planning a new landscape, or supplementing your present one, here are some suggestions which may add to your color parade in future years.

Trees with good red autumn color would include such species as: Japanese maple, Norway maple, Red maple, sugar maple, Shadblow serviceberry, Flowering dogwood, Hawthorn, Tupelo, Scarlet oak, Mountain ashes, Viburnum, Sorrel tree and Sourwood.

For yellow coloration you might try some of these: Striped maple, Birch, Redbud, American Beech, European Birch, Poplars, White Oak and White Ash.

Use Ready-Mixed CONCRETE

No Mess — No Waiting — Our Ready-Mixed Concrete is on the job when you need it. Also Sand, Gravel and Crushed Stone.

BARRUS READY MIXED CONCRETE COMPANY

Free Estimates — New Bern Highway, Kinston, N. C.

ONE HIGH STANDARD

The same thoughtful consideration and complete dignified service is accorded all regardless of the cost of the funeral selected.

Garner's Funeral Home

Dial JA 3-2124 or JA 3-2125
Kinston, N. C.

For All Your Printing Needs Call 523-2375

RIDER PRINTING CO.

Kinston, N. C.